



State of Illinois
ENVIRONMENTAL PROTECTION AGENCY
MEMORANDUM

DATE: August 2, 2011
TO: Division Files - Bureau of Land
FROM: Chris Cahnovsky – Collinsville Region *CC*
SUBJECT: 1198010003 – Madison County
Estate of Chemetco
FOS File

On July 22, 2011, I conducted an inspection at Chemetco, Inc. Present during this inspection was Jorge Garcia, ES&H Manager for the Estate of Chemetco. I also conducted an inspection on July 26, 2011. Present during this inspection was Ron Robeen, IEPA/Bureau of Air and Mike Murray of AIS.

FOUNDRY BUILDING DEMOLITION

On July 22, 2011, Mr. Garcia escorted me through the Foundry Building including the office area at the northeast end of the building. AIS has been on-site cleaning the floor of the Foundry Building and removing furniture and other material from the offices. AIS was not on site during this inspection. I observed the work AIS has been doing under the furnaces and the on the foundry floor. The areas under the furnaces have been cleaned up. The furnace cleanup solids have been consolidated with other solids on the foundry floor along the west wall of the foundry. I observed several new piles of foundry cleanup solids along the west wall. This material appeared to contain a large amount of copper.

AIS has begun to clean out the foundry office in preparation for the asbestos abatement. Three outside walls of the office have been opened to allow AIS personnel to remove furniture and other items through the openings. The largest opening is on the north side of the foundry. Under this opening was a RCRA roll-off containing office furniture and other debris contaminated with lead and cadmium dust. This bin was open and not labeled with the words "Hazardous Waste".

An opening was made in the south wall to allow AIS to access the furnace deck. This wall was constructed of transite panels. The transite panels were damaged when the wall was opened. Asbestos containing waste material (ACFM) was observed on the floor of this room. A second transite wall was damaged in a room along the west wall.

On July 26, 2011, Ron Robeen and I returned to Chemetco. We met with Mike Murray of AIS. Mr. Murray escorted us through the foundry. I observed AIS employees removing dust from the furnace deck. The dust was dropping to the foundry floor where it was being collected and placed in piles along the west wall. AIS is planning to screen this material to remove large waste items and large pieces of metallic copper.

I again observed the RCRA roll-off box. This box was open and not labeled with the words Hazardous Waste. I instructed Mr. Murray to label the box and keep it closed when waste was not being added or removed from the box. He agreed to label and close the box. No further work has been conducted in the office. Mr. Murray is waiting for the asbestos contractors to begin removing and cleaning up the broken transite panels that were discovered when the south wall was opened. Per Mr. Murray, the original asbestos inspection did not identify this wall as having asbestos paneling.

On July 29, 2011, Advanced Environmental Services, Inc. filed a 10-day asbestos notification for the removal of tile, transite and 125 feet of friable asbestos from the Foundry Building and Tank House.

AAF DEMOLITION

The AAF demolition is essentially complete. AIS has resumed the cutting up the stainless steel duct work and moving it to the Dome Building for decontamination.

CNC

cc: Regional Files
cc: Erin Rednour
cc: Michelle Kerr - USEPA

STATE OF ILLINOIS DEMOLITION/RENOVATION/ASBESTOS PROJECT NOTIFICATION FORM

Abatement projects greater than 3 sq./ft. and/or 3 linear ft., up to 160 sq./ft. or 260 linear feet including all school projects shall be submitted to the Illinois Department of Public Health.

Projects greater than 160 sq./ft. or 260 linear ft., or 1 cubic meter and demolition projects shall be submitted to Illinois Environmental Protection Agency. All projects in Cook County must notify Cook County Environmental Control.

This form and appropriate fee shall be submitted for all original notifications to IDPH (no fee), IEPA (\$150), and Cook County (\$200). This form shall also be used for revisions to the IEPA and IDPH. A Cook County Revision Form must be used to cancel an asbestos permit.

Date: 7/19/2011 Copies of this form may be found at: www.lenconnect.com/enviro

TYPE OF NOTIFICATION: ☒ original ☐ demolition ☐ renovation ☐ cancellation ☐ revision ☐ ordered demolition ☐ annual

Check Type of Project Below: (Check all that apply.)

☐ Friable School Project ☐ Non-Friable School Floor Tile Project ☒ Commercial Public Building (Friable & Non-Friable)

Revised by: ☒ Contractor ☐ Owner ☐ Project Designer # of times revised: _____ List Section #'s being revised: _____

1. FACILITY INFORMATION:

Facility name: Chemtelco

School Bldg ID: n/a

Location of Asbestos Containing Material (ACM) in Structure: Throughout-Foundry

Bldg Size: 175'x345 Sq. Ft.: 61,000 #Firs: 1 Age: 41 Present Use: Scheduled for DEMO

Prior Use: Foundry Future Use (demo) Partial DEMO

Address: 3754 Chemtelco Lane

City: Hartford

County: Madison

Zip: 62048

Contact: Gerald Barrera

Phone: 618-254-6741

2. FACILITY OWNER OR SCHOOL DISTRICT: (Tip: Complete for all projects Commercial/Public or Schools)

Facility Owner Name: Paradigm Minerals

Address: 3754 Chemtelco Lane

City: Hartford

State: IL

Zip: 62048

Contact: David Herrera

Phone: 618-254-6741 Advanced En

Copies of abatement permission and written verification certification to all building occupants and users from the building owner or school board shall be submitted for IDPH public and private school facilities as required by Section 855.350 of the IDPH Asbestos Code.

3. ASBESTOS CONTRACTOR NAME: Advanced Environmental Services, Inc.

ID#: 0727

Address: 3100 Gravois Ave.

City: St. Louis

State: MO

Zip: 63118

Contact: Dennis Ruckman

Phone: 314-574-3542

4. DEMOLITION CONTRACTOR NAME: American Integrated Services, Inc.

Address: 1502 East OPP Street

City: Wilmington

State: CA

Zip: 90744

Contact: Larry Hartzell

Phone: 310-522-1168

5. ABATEMENT INFORMATION:

Is Asbestos Present?

☒ Yes

☐ No

Description of Planned Demolition or Renovation Work and Methods to be Employed including Demolition or Renovation Techniques:

Demo of Foundry, AAA Air pollution system, Bag House, control room, tank house.

Description of Work Practice(s) and Engineering Controls used to Prevent Emissions at the Demolition or Renovation Site:

Water, containment, negative air, double bag

6. Quantities:

	Regulated Asbestos Containing Material to be removed (RACM)	Non-friable asbestos not to be removed (demolition) CAT I	Non-friable asbestos to be removed CAT II	Non-friable asbestos to be removed CAT I	Non-friable asbestos to be removed CAT II	TOTAL ASBESTOS TO BE REMOVED
Floors (Ln. Ft.)	Block & Windows					125' Friable
Surface Area (Sq. Ft.)	Tile, Transite				3650	
Volume (Cu. Ft.)						

Tip: CAT I non-friable ACM are asbestos-containing resilient floor coverings (vinyl asbestos tile (VAT), asphalt roofing products, packing and gaskets. All other non-friable ACM are considered CAT II non-friable ACM. (RACM) is (a) friable asbestos material, (b) Category I non-friable ACM that has become friable, (c) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting or abrading, or (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.

7. ABATEMENT START DATE: 08/03/11

Finish Date: 08/31/11

Work hours: 07:00

AM ☒ PM ☐

03:30

AM ☐ PM ☒

Scheduled Demolition Start Date: 08/15/11

Finish Date: 12/31/11

Work hours: 06:00

AM ☐ PM ☒

06:00

AM ☒ PM ☐

Working Weekends?

☒ Yes

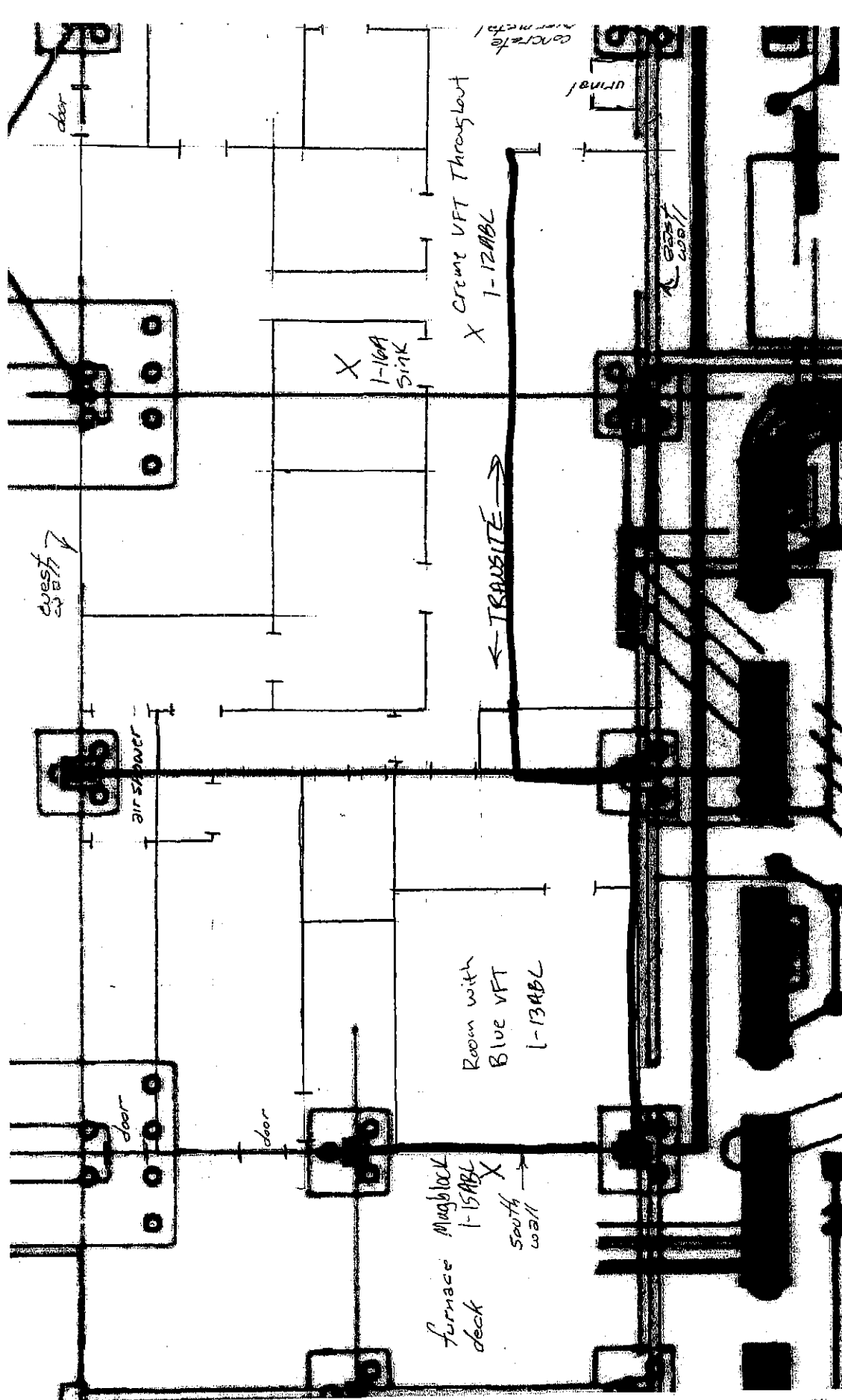
☐ No

Working Evenings?

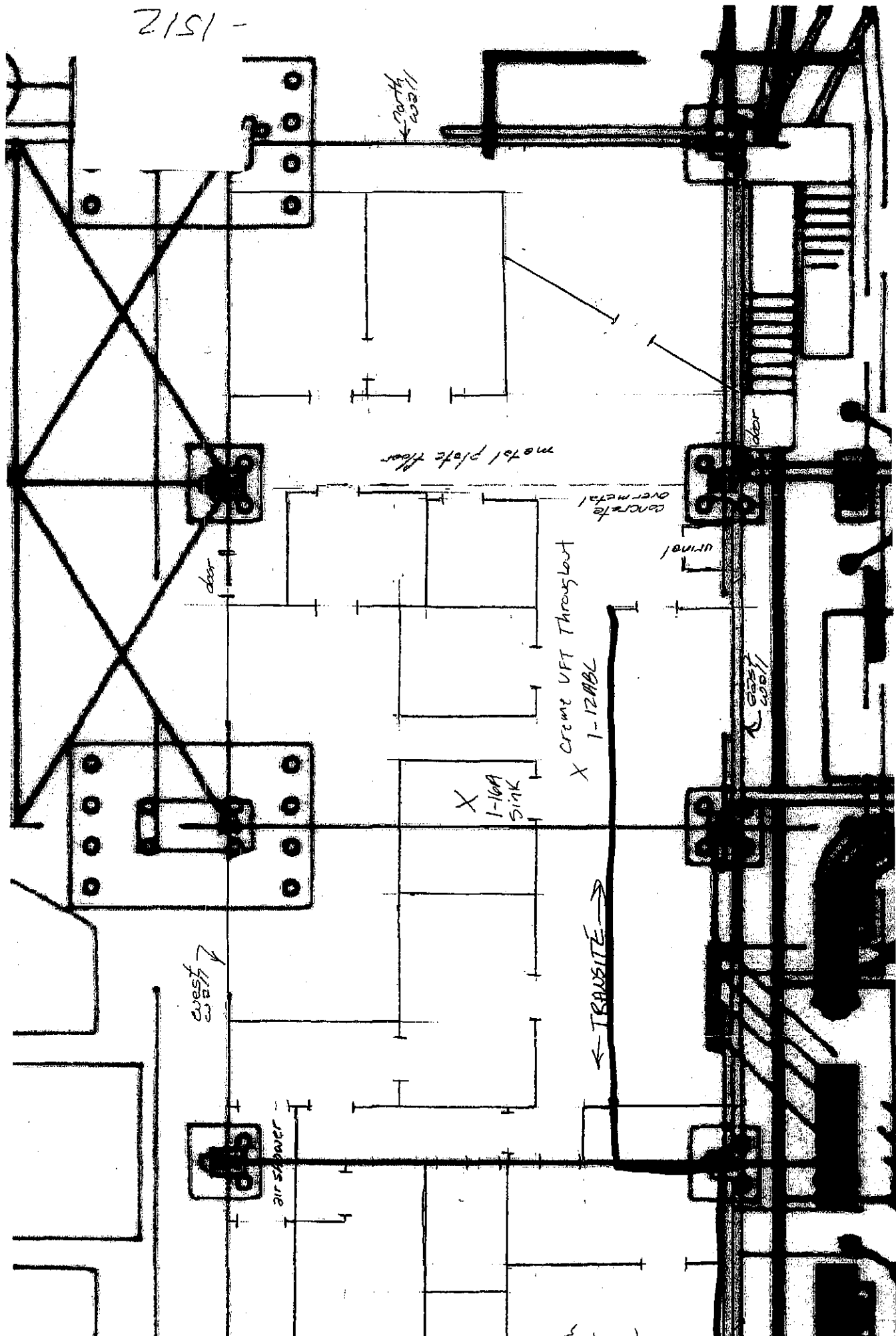
☐ Yes

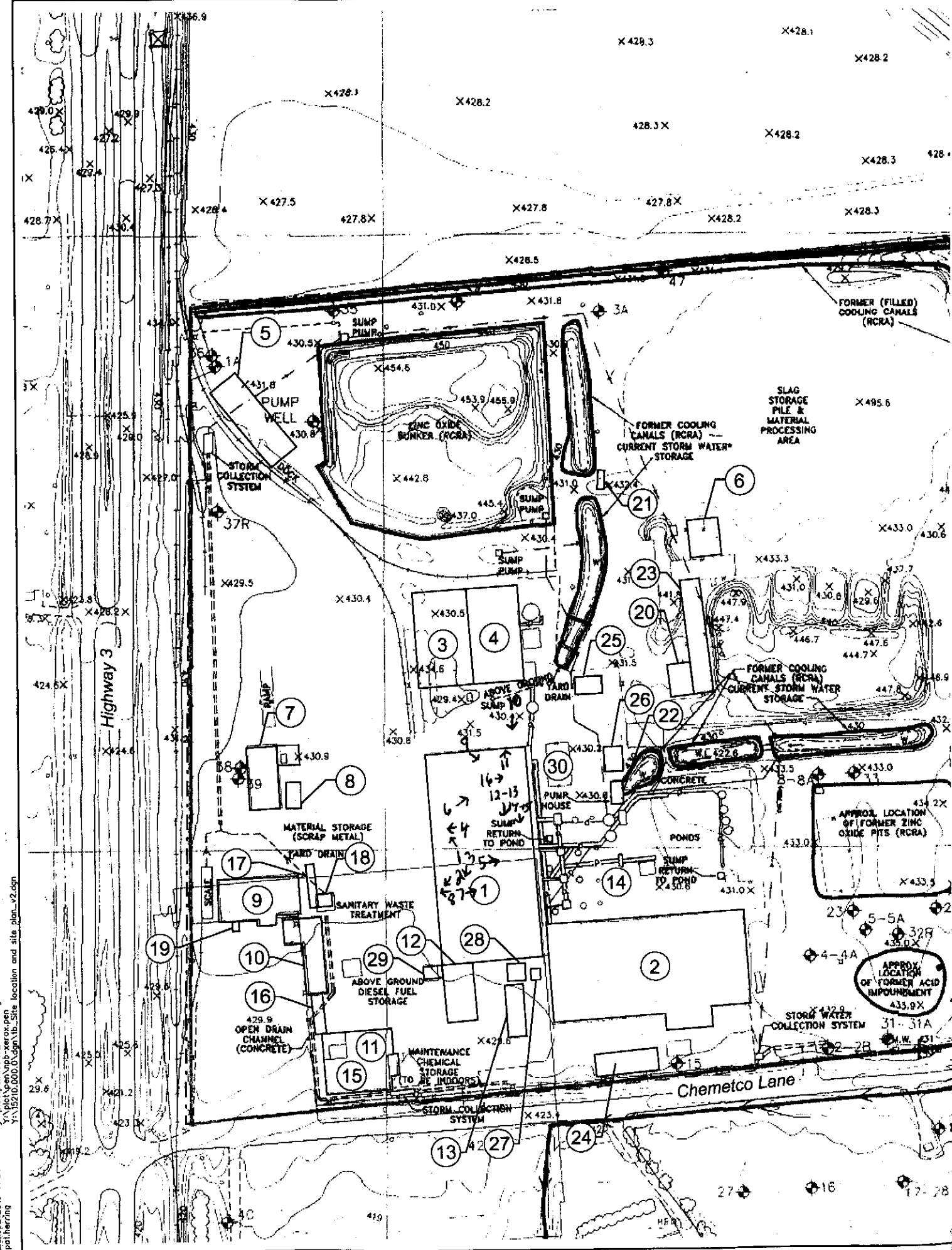
☒ No

Tip: Ten day notification requires at minimum, ten (10) working days (Monday-Friday including holidays) prior to the commencement date. Ten days begin with the US postmark date or date received by affected parties.



2151 -







DIGITAL PHOTOGRAPHS File Names: 1198010003~07262011-[Exp. #001-002].jpg



Date: 07/26/2011
Time: 9:15 – 10:00
Direction:
Photo by: Chris
Cahnovsky
Exposure #: 001
Comments:



Date: 07/26/2011
Time: 9:15 – 10:00
Direction:
Photo by: Chris
Cahnovsky
Exposure #: 002
Comments:



DIGITAL PHOTOGRAPHS File Names: 1198010003~07222011-[Exp. #001-016].jpg



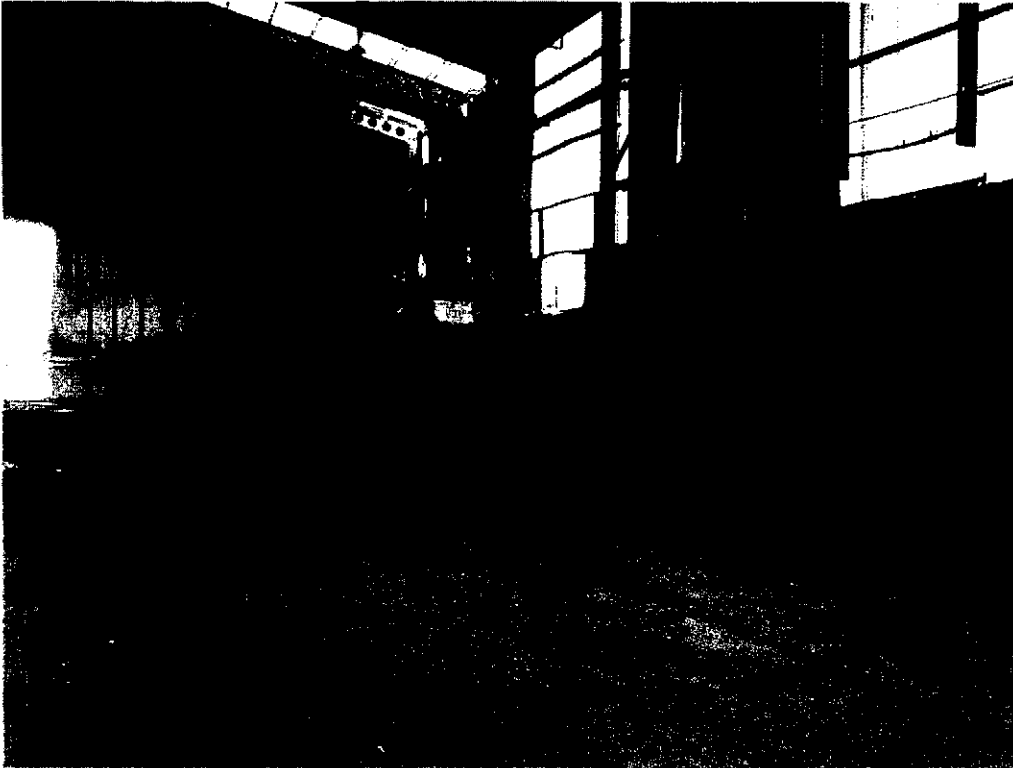
Date: 7/22/2011
Time: 10:50 – 11:30
Direction: Northwest
Photo by: Chris
Cahnovsky
Exposure #: 001
Comments: Material
removed from
around the furnace



Date: 7/22/2011
Time: 10:50 – 11:30
Direction: Southwest
Photo by: Chris
Cahnovsky
Exposure #: 002
Comments:



DIGITAL PHOTOGRAPHS File Names: 1198010003~07222011-[Exp. #001-016].jpg



Date: 7/22/2011
Time: 10:50 – 11:30
Direction: Southwest
Photo by: Chris
Cahnovsky
Exposure #: 003
Comments: Material
removed from
around the furnace
and foundry floor



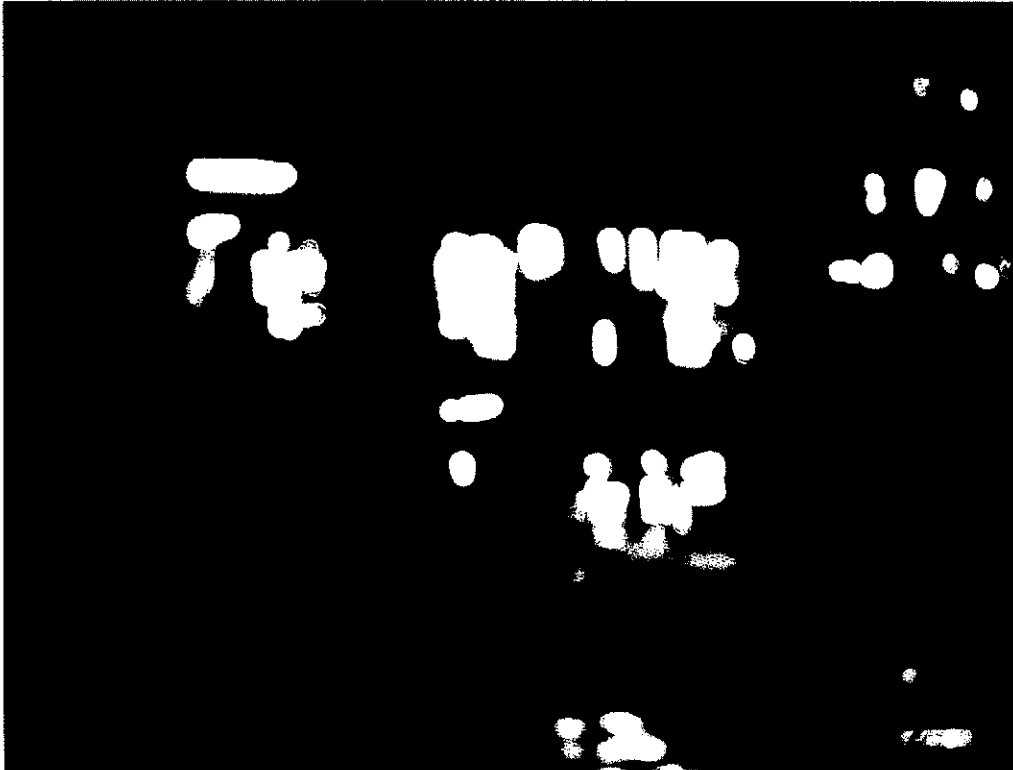
Date: 7/22/2011
Time: 10:50 – 11:30
Direction: West
Photo by: Chris
Cahnovsky
Exposure #: 004
Comments: Material
removed from
around the furnace
and foundry floor



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Bureau of Land
Division of Land Pollution Control

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DIGITAL PHOTOGRAPHS File Names: 1198010003~07222011-[Exp. #001-016].jpg



Date: 7/22/2011
Time: 10:50 – 11:30
Direction: East
Photo by: Chris
Cahnovsky
Exposure #: 005
Comments:



Date: 7/22/2011
Time: 10:50 – 11:30
Direction: Northeast
Photo by: Chris
Cahnovsky
Exposure #: 006
Comments: Open
wall to access office
spaces



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Date: 7/22/2011
Time: 10:50 – 11:30
Direction: East
Photo by: Chris
Cahnovsky
Exposure #: 007
Comments: Floor
area around
furnace cleaned up



Date: 7/22/2011
Time: 10:50 – 11:30
Direction: West
Photo by: Chris
Cahnovsky
Exposure #: 008
Comments: Furnace
clean up solids



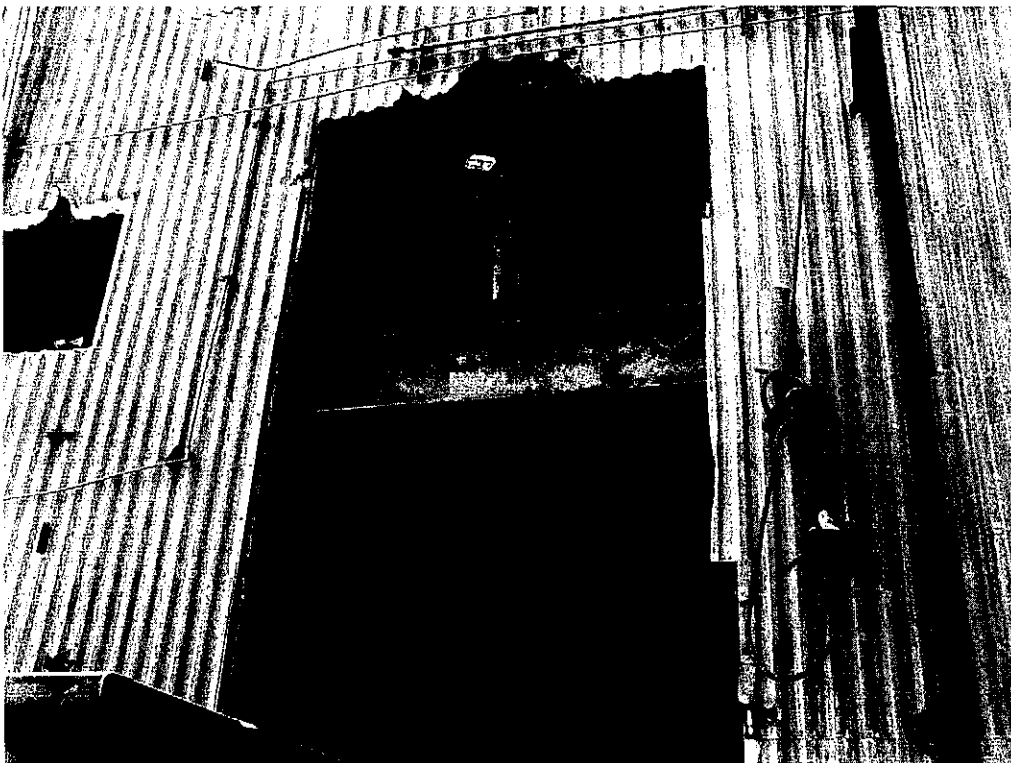
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FOS File

DIGITAL PHOTOGRAPHS File Names: 1198010003~07222011-[Exp. #001-016].jpg



Date: 7/22/2011
Time: 10:50 – 11:30
Direction: Southeast
Photo by: Chris
Cahnovsky
Exposure #: 009
Comments: Open
wall to access office
spaces and office
equipment



Date: 7/22/2011
Time: 10:50 – 11:30
Direction: South
Photo by: Chris
Cahnovsky
Exposure #: 010
Comments: Open
wall to access office
spaces



DIGITAL PHOTOGRAPHS File Names: 1198010003~07222011-[Exp. #001-016].jpg



Date: 7/22/2011
Time: 10:50 – 11:30
Direction: North
Photo by: Chris
Cahnovsky
Exposure #: 011
Comments: RCRA
waste from second
floor offices. Note
that box is open



Date: 7/22/2011
Time: 10:50 – 11:30
Direction: South
Photo by: Chris
Cahnovsky
Exposure #: 012
Comments: broken
transite panel



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Date: 7/22/2011
Time: 10:50 – 11:30
Direction: South
Photo by: Chris
Cahnovsky
Exposure #: 013
Comments: broken
transite panel



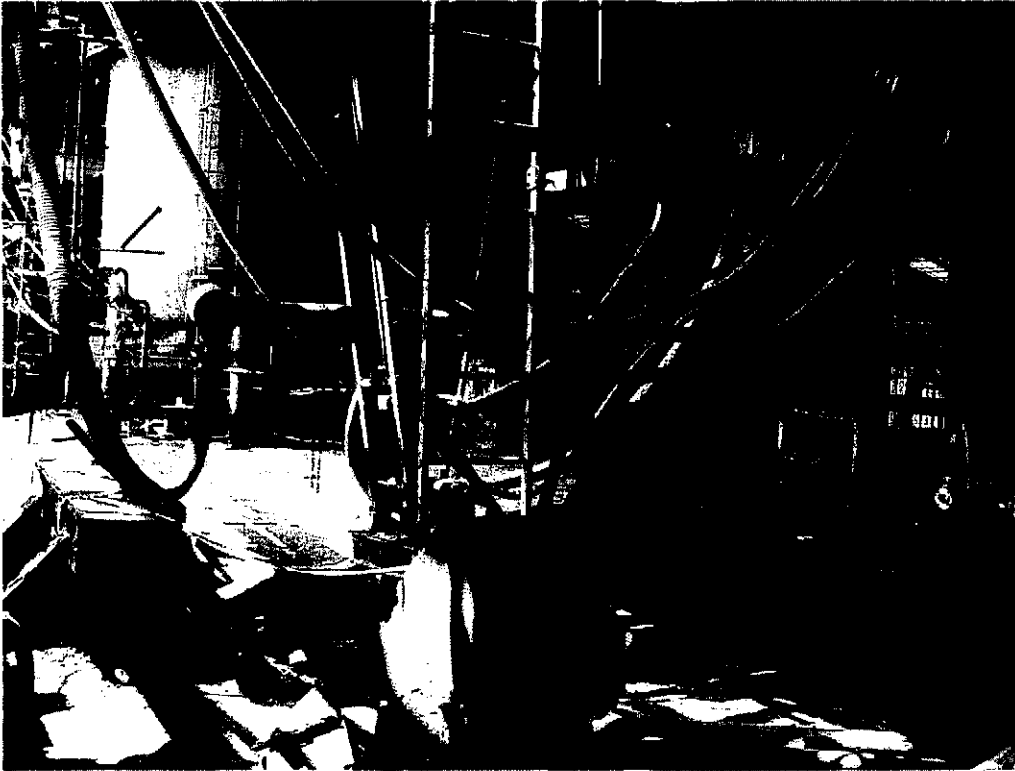
Date: 7/22/2011
Time: 10:50 – 11:30
Direction: South
Photo by: Chris
Cahnovsky
Exposure #: 014
Comments: broken
transite panel



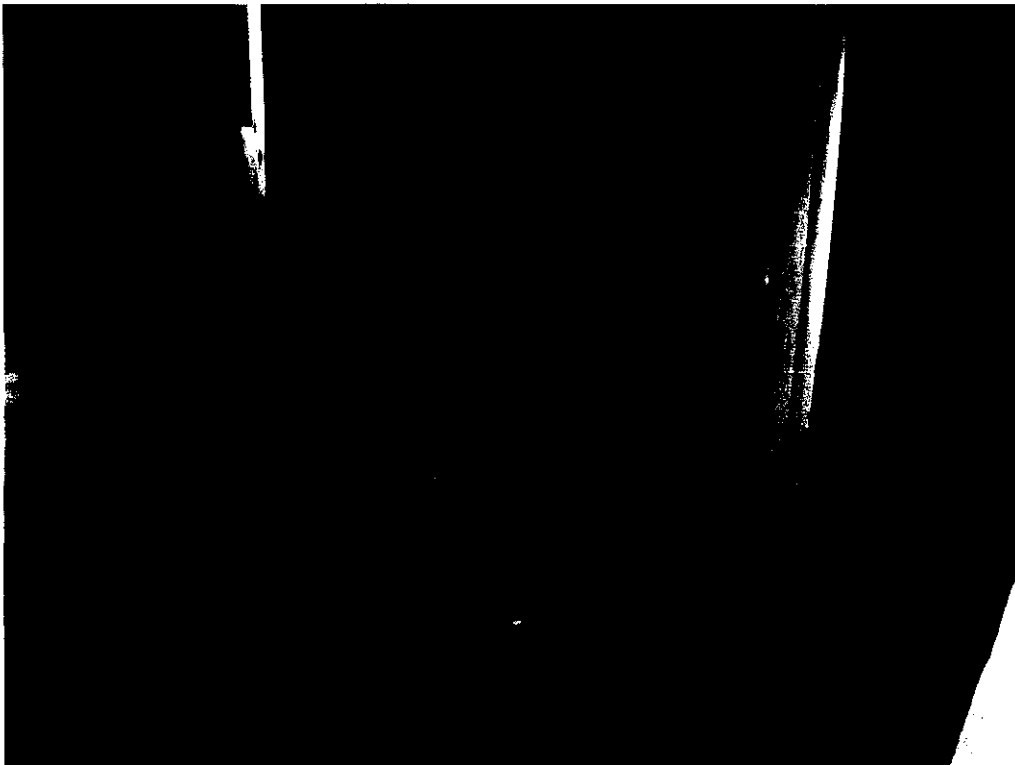
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FOS File

DIGITAL PHOTOGRAPHS File Names: 1198010003~07222011-[Exp. #001-016].jpg



Date: 7/22/2011
Time: 10:50 – 11:30
Direction: South
Photo by: Chris
Cahnovsky
Exposure #: 015
Comments: second
floor of foundry



Date: 7/22/2011
Time: 10:50 – 11:30
Direction: East
Photo by: Chris
Cahnovsky
Exposure #: 016
Comments: Broken
transite panel